

PALM BEACH COUNTY  
BOARD OF COUNTY COMMISSIONERS

AGENDA ITEM SUMMARY

Meeting Date: August 17, 2021

Consent [X]  
Public Hearing [ ]

Regular [ ]

Department: Water Utilities Department

I. EXECUTIVE BRIEF

**Motion and Title: Staff recommends motion to approve:** Consultant Services Authorization (CSA) No. 3 to the Contract for Consulting/Professional Services Emergency and Disaster Mitigation and Recovery (Contract) with Calvin, Giordano & Associates, Inc. (CGA) for the Water Treatment Plant (WTP) Nos. 8 and 11 Hurricane Hardening (Project) for a not to exceed amount of \$335,465.00.

**Summary:** On June 20, 2017, the Board of County Commissioners approved the Palm Beach County Water Utilities Department (PBCWUD) Contract (R2017-0821) with CGA. CSA No. 3 provides for consulting/professional engineering services and related services for a hurricane hardening evaluation and recommendations at WTP Nos. 8 and 11. This Contract was procured under the requirements of the 2002 Small Business Enterprise (SBE) Ordinance (R2002-0064) prior to the adoption of the new Equal Business Opportunity Ordinance on October 16, 2018. The SBE participation goal established under the 2002 Ordinance was 15% overall participation. The Contract provides for 41% SBE participation. CSA No. 3 includes 46.48% SBE participation. The cumulative SBE participation including CSA No. 3 is 55.20% SBE participation. While CGA is headquartered in Fort Lauderdale, Florida, they maintain an office in Palm Beach County from which the majority of the work under CSA No. 3 will be undertaken. The Project is included in the PBCWUD FY21 budget (PBCWUD Project No. 21-061) Districts 2, 6 (MJ)

**Background and Justification:** PBCWUD owns, operates, and maintains five (5) water treatment plants, including WTP Nos. 8 and 11. The purpose of this Project is to evaluate the facilities at WTP Nos. 8 and 11 against the latest edition of the Florida Building Code wind loading criteria. The Project will also provide recommendations and prepare a cost estimate for planning purposes for facilities in need of hardening. Implementation of the hurricane hardening recommendations will improve life safety of PBCWUD personnel and reliability of production and distribution of potable water during hurricane events.

**Attachments:**

1. Two (2) Originals of Consultant Services Authorization No. 3
2. Location Map
3. Certificate of Liability Insurance

Recommended By: Ali Bayat Department Director 7/19/21 Date

Approved By: [Signature] Assistant County Administrator 7/27/21 Date

**II. FISCAL IMPACT ANALYSIS**

**A. Five Year Summary of Fiscal Impact:**

| Fiscal Years                                   | 2021                    | 2022            | 2023            | 2024            | 2025            |
|--|-------------------------|-----------------|-----------------|-----------------|-----------------|
| Capital Expenditures                           | <u>\$335,465</u>        | <u>0</u>        | <u>0</u>        | <u>0</u>        | <u>0</u>        |
| Operating Costs                                | <u>0</u>                | <u>0</u>        | <u>0</u>        | <u>0</u>        | <u>0</u>        |
| External Revenues                              | <u>0</u>                | <u>0</u>        | <u>0</u>        | <u>0</u>        | <u>0</u>        |
| Program Income (County)                        | <u>0</u>                | <u>0</u>        | <u>0</u>        | <u>0</u>        | <u>0</u>        |
| In-Kind Match County                           | <u>0</u>                | <u>0</u>        | <u>0</u>        | <u>0</u>        | <u>0</u>        |
| <b>NET FISCAL IMPACT</b>                       | <b><u>\$335,465</u></b> | <b><u>0</u></b> | <b><u>0</u></b> | <b><u>0</u></b> | <b><u>0</u></b> |
| <b># ADDITIONAL FTE POSITIONS (Cumulative)</b> | <b><u>0</u></b>         | <b><u>0</u></b> | <b><u>0</u></b> | <b><u>0</u></b> | <b><u>0</u></b> |

**Budget Account No.:** Fund 4001 Dept 720 Unit 2410 Object 4615

Is Item Included in Current Budget? Yes X No     

Does this item include the use of federal funds? Yes      No X

Reporting Category N/A

**B. Recommended Sources of Funds/Summary of Fiscal Impact:**

One (1) time expenditure from user fees, connection fees, and balance brought forward.

**C. Department Fiscal Review:** See Equity for HR

**III. REVIEW COMMENTS**

**A. OFMB Fiscal and/or Contract Development and Control Comments:**

|  |   |
|--|---|
| <p><u>Lisa Martin</u> 7/21/21<br/>OFMB OR 7/21</p> | <p><u>George Hillman for Kevin Jacobowitz</u><br/>Contract Development and Control<br/>7-28-21 TW</p> |
|--|---|

**B. Legal Sufficiency:**

[Signature] 7/28/21  
Assistant County Attorney

**C. Other Department Review:**

\_\_\_\_\_  
Department Director

This summary is not to be used as a basis for payment.

CONSULTANT SERVICES AUTHORIZATION NO. 3  
Palm Beach County Water Utilities Department  
Contract for Consulting/Professional Services  
*Emergency and Disaster Mitigation and Recovery Engineering Services*  
Resolution No. R2017-0821 Contract Dated 06-20-2017

ATTACHMENT 1

**Project Title:** Water Treatment Plant Nos. 8 and 11 Hurricane Hardening

**PBCWUD Project No.:** 21-061

**Consultant:** Calvin, Giordano & Associates, Inc.

**Address:** Village Blvd Suite 325 West Palm Beach Florida, 33409

**Budget Line Item No.:** 4001-720-2410-4615

**District No.:** 2 and 6

This Consultant Services Authorization provides for: Evaluation of selected buildings/structures located at Water Treatment Plants (WTP) Nos. 8 and 11 against the current wind loading criteria as set forth in the Florida Building Code, and to make recommended improvements as needed to bring selected buildings/structures into compliance with current wind loading criteria. In addition, research available design and permit information for all existing buildings/structures/facilities at WTP Nos. 8 and 11 to determine wind loading criteria design basis for each building/structure/facility.

(See ATTACHMENT A for detailed scope of services)

The Contract provides for 41 % SBE participation, which includes 0 % M/WBE participation, 0 % MBE (A), 0 % MBE (B), and 0 % WBE ( ). This Consultant Services Authorization includes 46.48 % overall participation which includes, 0 % M/WBE participation, 46.48 % MBE (A), 0 % MBE (B), and 0 % WBE ( ). The cumulative SBE participation, including this Consultant Services Authorization is 55.20%, which includes 0 % M/WBE participation, 55.20 % MBE (A), 0 % MBE (B), and 0 % WBE ( ).

1. Services completed by the Consultant to date :

**See ATTACHMENT B.**

2. Consultant shall begin work upon receipt of Notice to Proceed correspondence.

3. The compensation to be paid to the Consultant for providing the requested services shall be:

A. Computation of time charges plus expenses, not to exceed \$ 335,465.00

B. Fixed price of \$ Not Applicable

C. Total \$ 335,465.00

4. This Authorization may be terminated by the County without cause or prior notice. In the event of termination not the fault of the Consultant, the Consultant shall be compensated for all services performed through the date of termination, together with reimbursable expenses (if applicable) then due.

CONSULTANT SERVICES AUTHORIZATION NO.   3    
Palm Beach County Water Utilities Department  
Contract for Consulting/Professional Services  
*Emergency and Disaster Mitigation and Recovery Engineering Services*  
Resolution No.  R2017-0821  Contract Dated  06-20-2017 

**Project Title:** Water Treatment Plant Nos. 8 and 11 Hurricane Hardening

**PBCWUD Project No.:**  21-061 

5. SBE participation is included in **ATTACHMENT C** under this Authorization. The attached Schedule 1 defines the SBE applied to this Authorization and Schedule 2 establishes the SBE contribution from each Sub-Consultant (Letter of Intent).
6. This Authorization does not amend, change, or modify the Contract dated June 20, 2017 which remains in full force and effect.
7. All Attachments to this Authorization are incorporated herein and made a part of this Consultant Services Authorization.

CONSULTANT SERVICES AUTHORIZATION NO. 3  
Palm Beach County Water Utilities Department  
Contract for Consulting/Professional Services  
Emergency and Disaster Mitigation and Recovery Engineering Services  
Resolution No. R2017-0821 Contract Dated 06-20-2017

Project Title: Water Treatment Plant Nos. 8 and 11 Hurricane Hardening

PBCWUD Project No.: 21-061

IN WITNESS WHEREOF, this Authorization is accepted, subject to the terms, conditions and obligations of the aforementioned Contract.

PALM BEACH COUNTY, A POLITICAL SUBDIVISION OF THE STATE OF FLORIDA

Joseph Abruzzo, Clerk of the Circuit Court  
& Comptroller, Palm Beach County

Palm Beach County, Board  
of County Commissioners

ATTEST:

Signed: \_\_\_\_\_

Signed: \_\_\_\_\_

*RA* Dave Kerner, Mayor  
*A13*

Typed Name: \_\_\_\_\_  
Deputy Clerk

\_\_\_\_\_  
(Date)

Approved as to Form and Legal  
Sufficiency

CONSULTANT: Calvin, Giordano & Associates, Inc.

Signed: \_\_\_\_\_



(Signature)

Typed Name: Michael W. Jones  
County Attorney

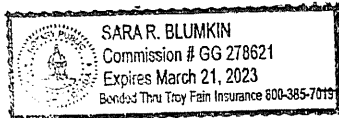
Chris Giordano, President  
(Name and Title)

6/24/21  
(Date)

STATE OF FLORIDA  
COUNTY OF Broward

The foregoing instrument was acknowledged before me by means of  physical presence or  online notarization, this 24 day of June, 2021, by Chris Giordano who is  personally known to me or  has produced \_\_\_\_\_ as identification.

Sara R. Blumkin  
(Signature of Notary Public - State of Florida)



\_\_\_\_\_  
(Print, Type, or Stamp Commissioned Name of Notary Public)

CONSULTANT SERVICES AUTHORIZATION NO.   3    
Palm Beach County Water Utilities Department  
Contract for Consulting/Professional Services  
*Emergency and Disaster Mitigation and Recovery Engineering Services*  
Resolution No.  R2017-0821  Contract Dated  06-20-2017 

**LIST OF ATTACHMENTS**

|                     |  |
|---------------------|--|
| <b>ATTACHMENT A</b> | Scope of Services  |
| <b>ATTACHMENT B</b> | Summary and Status of Consultant Services Authorizations |
| <b>ATTACHMENT C</b> | OEBO Schedules 1 and 2                                   |
| <b>ATTACHMENT D</b> | Project Schedule   |
| <b>ATTACHMENT E</b> | Budget Summary   |
| <b>ATTACHMENT F</b> | Summary of SBE-M/WBE Business Tracking                   |
| <b>ATTACHMENT G</b> | Location Map   |

Revised 04/26/2021

# ATTACHMENT A

## SCOPE OF SERVICES

**PBCWUD Project No.: 21-061**

**Project Title: Water Treatment Plant Nos. 8 and 11 Hurricane Hardening**

CONSULTANT shall perform:

### **Scope of Services**

#### **Background**

The Water Treatment Plants (WTP) Nos. 8 and 11 are water treatment facilities owned and operated by Palm Beach County Water Utilities Department (PBCWUD). Improvements to the Florida Building Code (FBC), particularly with respect to wind loading, have been made. PBCWUD has requested Calvin, Giordano & Associates, Inc. (CGA) to provide a structural evaluation of a total of five (5) selected structures at the WTP Nos. 8 and 11. Although WTP No. 8 consists of eighteen (18) structures and WTP No. 11 consists of ten (10) structures, this scope of work is limited to a total five (5) initial structures that are considered to have the highest priority uses. The aim of the evaluation is to determine whether the selected buildings comply with current wind load criteria, as set forth in the latest version of the FBC. If the structures are found to be deficient, remedial work will be recommended to bring the structures into compliance. CGA will prepare a technical memorandum (TM) including the results, findings, and recommended remedial works resulting from the evaluation.

#### **Project Scope**

The evaluation will include the following major tasks:

1. Research designed/permitted information available on the existing buildings at WTP Nos. 8 and 11, as listed below. The research of the available information assumes that the PBCWUD will provide all the required documentation, including record drawings, specifications, calculations, and Building Department permits. Perform 3D scanning of all the buildings/structures to document the conditions of the exterior envelope.
  - a. WTP No. 8
    1. Administration, Control, and Filter Building
    2. Generator and Warehouse Building
    3. Chlorine Building
    4. Vacuum Filter Building
    5. Wellfield Generator
    6. Lime Delivery System
    7. Lime Softening Units
    8. Ferric Chloride System
    9. Anion Exchange Systems 1 and 2
    10. Brine Storage Facility
    11. Lime Softener Effluent Flume
    12. Chemical Storage Facility
    13. Ammonia Storage Facility
    14. Carbon Dioxide Storage Facility

15. Ozone Contact Basin
16. Fluoride System
17. Washwater Recovery Basin
18. Wastewater Pump Station No. 7004

b. WTP No. 11

1. Administration, Control, and Membrane Building
2. Warehouse Building
3. Electrical Building
4. Florida Power and Light Transformer
5. Sodium Hypochlorite Storage Facility
6. Chemical Storage Facility
7. Carbon Dioxide, Ammonia, and Cal-Flo Storage System
8. Clearwell, Degasifier, and Odor Scrubber
9. Process Drain Pump Station
10. Injection Well and Monitoring Well

2. Visual condition assessment of the existing exterior envelope of the five (5) selected buildings, which are:

a. WTP No. 8

1. Administration, Control, and Filter Building
2. Generator and Warehouse Building
3. Chlorine Building
4. Wellfield Generator

b. WTP No. 11

1. Administration, Control and Membrane Building

Evaluation of the existing structural exterior components using the current live, dead, and wind load criteria as detailed in the FBC, for the selected aforementioned buildings.

3. As required, perform nondestructive tests on the exterior envelope of the selected buildings to identify the presence of masonry grout columns and steel reinforcing.
4. Identify and provide recommendations of the areas that may require improvements to comply with current live, dead, and wind load criteria in accordance with the FBC. Provide planning level cost estimates with technical descriptions and sketches of each area of the selected aforementioned buildings that will require remedial work.

The Scope of Professional Services to be provided and associated fees are detailed herein. CGA shall execute Professional Services Agreements (PSAs) with Lakdas/Yohalem Engineering, Inc. (LYE) and RADISE International, L.C. (RADISE) to assist with the structural evaluation of the exterior envelope of the buildings. CGA understands that time is of the essence, and, shall make every effort to perform this work in an expeditious manner, whenever possible. The specific work to be completed under each task is detailed below.

### **Task 1 - Due Diligence**

CGA shall perform the due diligence to obtain the required information to complete the evaluation. These services shall include:

- 1.1. Review site pictures, record drawings, permits, copies of any emergency repair work, and other relevant PBCWUD records. The research of the available information



assumes that PBCWUD will provide all the required documentation, including record drawings, specifications, calculations, and Building Department permits.

- 1.2. Conduct a visual structural condition assessment of the exterior of the five (5) selected buildings at WTP Nos. 8 and 11. This assessment shall identify structural defects such as corrosion, fatigue, or structural damage by accidental actions.
- 1.3. Review the record drawings of the five (5) selected buildings and identify the critical structure members based on the building elevation and plan view drawings. Evaluate and analyze the exterior envelope of each building structure for lateral wind load requirements per American Society of Civil Engineers (ASCE) 7-15 latest edition and 186 MPH set by the PBCWUD.
- 1.4. Utilize a Leica C10 High Resolution 3 Dimensional (3D) scanner to obtain as-built information for all eighteen (18) structures/buildings at WTP No. 8 and ten (10) structures/buildings at WTP No. 11. Compile multiple scans around the perimeter of each structure with sufficient overlap for data processing and quality control with redundancy. Process individual data point clouds through 3D scanner software to create a spatially precise as-built of each structure and export into an AutoCAD drawing file structure.
- 1.5. Based on the visual assessment (Task 1, Item 4) and detailed evaluation and analysis (Task 1, Item 5), determine if nondestructive testing will be needed. If so, CGA will indicate the location, type and number of tests required prior to commencement of such field testing.
- 1.6. Prepare a presentation with the findings of the Due Diligence Task, including recommendation of structural elements that require nondestructive testing. After presenting the due diligence findings and detailed evaluation, CGA will discuss with PBCWUD how to proceed with the field work evaluation and technical memorandum. A prioritization of the five (5) buildings will be performed based on use, criticality, and resilience, this will be performed with the use of a weighted scoring to be discussed with PBCWUD. A total of two (2) meetings are assumed for this prioritization.
- 1.7. Prepare for and attend one (1) meeting with PBCWUD staff to discuss the findings of the Due Diligence Task.

#### **Deliverables**

- Presentation with approach, findings, and recommendations
- Meeting Agendas and Minutes

#### **Task 2 - Field Evaluation**

CGA shall conduct an assessment to evaluate the current condition and compliance with the current live, dead and wind load criteria. These services shall include:

- 2.1. Coordinate and participate in the necessary site visits with subconsultants and PBCWUD.
- 2.2. If necessary, performance of nondestructive testing on the designated structural elements of the five (5) selected buildings as indicated by the Structural Engineer. The type of test will be determined by the Structural Engineer.
- 2.3. Based on the previously performed evaluations, CGA will determine if the results of the tested areas conform to the live, dead, and wind load criteria.
- 2.4. Prepare a presentation with the findings and results of the Field Evaluation Task. A total of one (1) meeting is assumed for this task.

- 2.5. Prepare for and attend one (1) meeting with PBCWUD staff to discuss the findings and results of the Field Evaluation Task.

**Deliverables**

- Presentation with findings
- Meeting Agendas and Minutes

**Task 3 - Preparation of Technical Memorandum**

CGA will prepare a Technical Memorandum (TM) providing a compilation of the findings and preliminary recommendations of the structures to be improved to withstand current wind load requirements. The TM will also provide a preliminary cost estimate (Class 5, 0-2% project definition) for the proposed preliminary recommendations. The services under this task will include the following:

- 3.1. Compile all data related to the results of the investigation performed.
- 3.2. Prepare a TM to include the assessment findings of the eighteen (18) buildings/structures at WTP 8 and ten (10) buildings/structures at WTP 11 and preliminary recommendations related to improve the existing selected five (5) buildings, and associated preliminary cost estimate. A total of one meeting is assumed for this task.
- 3.3. Coordinate and participate in the discussion meeting with PBCWUD to discuss the TM.

**Deliverables**

- Electronic copy (Portable Document Format (pdf)) and four (4) hardcopies of the TM.
- Meeting Agendas and Minutes

**CGA Assumptions:**

The following assumptions were the basis for the preparation of this proposal:

- The scope of work considers only the structural evaluation of the Administration, Control, and Filter Building, Generator and Warehouse Building, Chlorine Building and Wellfield Generator at WTP 8 and the Administration, Control, and Membrane Building at WTP No. 11. It does not include wind load analysis or flying debris mitigation of the screens located at the Filter Building at WTP No. 8.
- Topographical survey, geotechnical investigation nor detailed design are included in CGA tasks.
- The number of nondestructive test will be determined by the Structural Engineer after completing the initial evaluation of the five (5) selected buildings.
- The research of the available information assumes that PBCWUD will provide all the required documentation, including record drawings, specifications, calculations, and Building Department permits.

**ATTACHMENT B**

**SUMMARY AND STATUS OF CONSULTANT SERVICES AUTHORIZATIONS**

| Auth. No. | PBCWUD Project No. | Title   | Status   | Project Total Amount | SBE Total Amount | SBE Participation % | Approved |           |
|-----------|--------------------|---|----------|----------------------|------------------|---------------------|----------|-----------|
|           |                    |   |          |                      |                  |                     | By       | Date      |
| 1         | 19-088             | SRWRF Hurricane Hardening Evaluation  | Approved | \$195,555.00         | \$164,455.00     | 84.09%              | BCC      | 3/10/2020 |
| 2         | 20-040             | Community Development Block Grant Mitigation Funding Application Assistance | Approved | \$49,320.00          | \$0.00           | 0.00%               | DIR      | 6/08/2020 |
| 3         | 21-061             | Water Treatment Plant Nos. 8 and 11 Hurricane Hardening                     | Pending  | \$335,465.00         | \$155,955.00     | 46.48%              | BCC      | Pending   |
|           |                    |   |          |                      |                  |                     |          |           |
|           |                    |   |          |                      |                  |                     |          |           |
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|           |                    |   |          |                      |                  |                     |          |           |
|           |                    |   |          |                      |                  |                     |          |           |

**ATTACHMENT C**

**OEBO SCHEDULE 1**

**OEBO SCHEDULE 1**

**LIST OF PROPOSED CONTRACTOR/CONSULTANT AND SUBCONTRACTOR/SUBCONSULTANT PARTICIPATION**

SOLICITATION/PROJECT/BID NAME: Water Treatment Plant Nos. 8 and 11 Hurricane Hardening  SOLICITATION/PROJECT/BID No.: WUD 21-061  
 NAME OF PRIME RESPONDENT/BIDDER: Calvin Giordano & Associates, Inc. ADDRESS: 580 Village Blvd, Suite 325, West Palm Beach, FL 33409  
 CONTACT PERSON: David Stambaugh PHONE NO.: (561) 684-6161 E-MAIL: dstambaugh@cgasolutions.com  
 SOLICITATION OPENING/SUBMITTAL DATE: \_\_\_\_\_ DEPARTMENT: Water Utilities Department

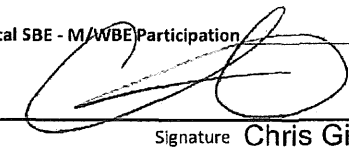
**PLEASE LIST THE DOLLAR AMOUNT OR PERCENTAGE OF WORK TO BE COMPLETED BY THE PRIME CONTRACTOR/CONSULTANT ON THIS PROJECT. PLEASE ALSO LIST THE DOLLAR AMOUNT OR PERCENTAGE OF WORK TO BE COMPLETED BY ALL SUBCONTRACTORS/SUBCONSULTANTS ON THE PROJECT.**

| Name, Address and Phone Number  | (Check all Applicable Categories)   |                                     |                                     | DOLLAR AMOUNT OR PERCENTAGE OF WORK |          |       |           |                           |
|---|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|----------|-------|-----------|---------------------------|
|   | Non-SBE                             | M/WBE<br>Minority/Women<br>Business | SBE<br>Small<br>Business            | Black                               | Hispanic | Women | Caucasian | Other<br>(Please Specify) |
| 1. Calvin Giordano & Associates, Inc.<br>580 Village Blvd, Suite 325, West Palm Beach, FL 33409; (561) 684-6161   | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | _____                               | _____    | _____ | _____     | \$179,510.00              |
| 2. Lakdas/Yohalem Engineering, Inc.<br>2211 NE 54th Street<br>Fort Lauderdale, FL 33308; (954) 771-0630           | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | _____                               | _____    | _____ | _____     | \$106,025.00<br>Asian     |
| 3. RADISE International, L.C.<br>4152 West Blue Heron Blvd, Suite 1114<br>Riviera Beach, FL 33404; (561) 841-0103 | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | _____                               | _____    | _____ | _____     | \$49,930.00<br>Asian      |
| 4.  | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | _____                               | _____    | _____ | _____     | _____                     |
| 5.  | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | _____                               | _____    | _____ | _____     | _____                     |
| (Please use additional sheets if necessary)   |                                     |                                     |                                     |                                     |          |       |           | \$335,465.00              |
|   |                                     |                                     |                                     | Total                               | _____    | _____ | _____     | _____                     |

Total Bid Price \$ \$335,465.00

Total SBE - M/WBE Participation \_\_\_\_\_

I hereby certify that the above information is accurate to the best of my knowledge:



Signature Chris Giordano

President

Title

- Note:**
- The amount listed on this form for a Subcontractor/subconsultant must be supported by price or percentage listed on the properly executed Schedule 2 or attached signed proposal.
  - Firms may be certified by Palm Beach County as an SBE and/or an M/WBE. If firms are certified as both an SBE and/or M/WBE, please indicate the dollar amount under the appropriate category.
  - Modification of this form is not permitted and will be rejected upon submittal.

**ATTACHMENT C**

**OEBO SCHEDULE 2**

Revised 04/26/2021

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**OEBO LETTER OF INTENT – SCHEDULE 2**

**A completed Schedule 2 is a binding document between the Prime Contractor/consultant and a Subcontractor/subconsultant (for any tier) and should be treated as such. The Schedule 2 shall contain bolded language indicating that by signing the Schedule 2, both parties recognize this Schedule as a binding document.** All Subcontractors/subconsultants, including any tiered Subcontractors/subconsultants, must properly execute this document. Each properly executed Schedule 2 must be submitted with the bid/proposal.

SOLICITATION/PROJECT NUMBER: WUD 21-061

SOLICITATION/PROJECT NAME: Water Treatment Plant Nos. 8 and 11 Hurricane Hardening

Prime Contractor: Calvin, Giordano & Associates, Inc. Subcontractor: Lakdas/Yohalem Engineering, Inc.

**(Check box(s) that apply)**

SBE  WBE  MBE  M/WBE  Non-S/M/WBE Date of Palm Beach County Certification (if applicable): 10/29/2019-10/28/2022

The undersigned affirms they are the following (select one from each column if applicable):

|  |  |                                   |
|--|--|-----------------------------------|
| <b>Column 1</b>  | <b>Column 2</b>  | <b>Column 3</b>                   |
| <input checked="" type="checkbox"/> Male <input type="checkbox"/> Female | <input type="checkbox"/> African-American/Black <input checked="" type="checkbox"/> Asian American <input type="checkbox"/> Caucasian American | <input type="checkbox"/> Supplier |
|  | <input type="checkbox"/> Hispanic American <input type="checkbox"/> Native American  |                                   |

**S/M/WBE PARTICIPATION** – S/M/WBE Primes must document all work to be performed by their own work force on this form. Failure to submit a properly executed Schedule 2 for any S/M/WBE participation may result in that participation not being counted. Specify in detail, the scope of work to be performed or items supplied with the dollar amount and/or percentage for each work item. S/M/WBE credit will only be given for the areas in which the S/M/WBE is certified. A detailed proposal may be attached to a properly executed Schedule 2.

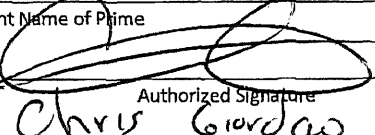
| Line Item | Item Description                    | Unit Price | Quantity/ Units | Contingencies/ Allowances | Total Price/Percentage |
|-----------|-------------------------------------|------------|-----------------|---------------------------|------------------------|
| 1         | Due Diligence                       | 1          | LS              | -                         | \$48,980.00            |
| 2         | Field Investigation                 | 1          | LS              | -                         | \$31,975.00            |
| 3         | Preparation of Technical Memorandum | 1          | LS              | -                         | \$25,090.00            |
|           |                                     |            |                 |                           |                        |
|           |                                     |            |                 |                           |                        |

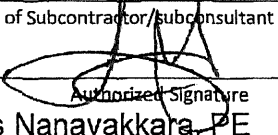
The undersigned Subcontractor/subconsultant is prepared to self-perform the above-described work in conjunction with the aforementioned project at the following total price or percentage: \$106,025.00

If the undersigned intends to subcontract any portion of this work to another Subcontractor/subconsultant, please list the business name and the amount below accompanied by a separate properly executed Schedule 2.

N/A Price or Percentage: N/A

Name of 2<sup>nd</sup>/3<sup>rd</sup> tier Subcontractor/subconsultant

Calvin, Giordano & Associates, Inc.  
 Print Name of Prime  
 By:   
 Authorized Signature  
Chris Giordano  
 Print Name  
President  
 Title  
 Date: 6/24/21

Lakdas/Yohalem Engineering, Inc.  
 Print Name of Subcontractor/subconsultant  
 By:   
 Authorized Signature  
Lakdas Nanayakkara, PE  
 Print Name  
President  
 Title  
 Date: 06/24/2021

**OEBO LETTER OF INTENT – SCHEDULE 2**

A completed Schedule 2 is a binding document between the Prime Contractor/consultant and a Subcontractor/subconsultant (for any tier) and should be treated as such. The Schedule 2 shall contain bolded language indicating that by signing the Schedule 2, both parties recognize this Schedule as a binding document. All Subcontractors/subconsultants, including any tiered Subcontractors/subconsultants, must properly execute this document. Each properly executed Schedule 2 must be submitted with the bid/proposal.

SOLICITATION/PROJECT NUMBER: WUD 21-061

SOLICITATION/PROJECT NAME: Water Treatment Plant Nos. 8 and 11 Hurricane Hardening

Prime Contractor: Calvin, Giordano & Associates, Inc. Subcontractor: Radise International, L.C.

**(Check box(s) that apply)**

SBE  WBE  MBE  M/WBE  Non-S/M/WBE Date of Palm Beach County Certification (if applicable): 11/1/2014 - 10/31/17

The undersigned affirms they are the following (select one from each column if applicable):

|  |  |                                   |
|--|--|-----------------------------------|
| <u>Column 1</u>  | <u>Column 2</u>  | <u>Column 3</u>                   |
| <input type="checkbox"/> Male <input checked="" type="checkbox"/> Female | <input type="checkbox"/> African-American/Black <input checked="" type="checkbox"/> Asian American <input type="checkbox"/> Caucasian American <input type="checkbox"/> Hispanic American <input type="checkbox"/> Native American | <input type="checkbox"/> Supplier |

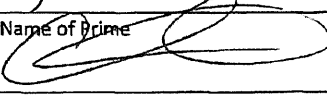
**S/M/WBE PARTICIPATION** – S/M/WBE Primes must document all work to be performed by their own work force on this form. Failure to submit a properly executed Schedule 2 for any S/M/WBE participation may result in that participation not being counted. Specify in detail, the scope of work to be performed or items supplied with the dollar amount and/or percentage for each work item. S/M/WBE credit will only be given for the areas in which the S/M/WBE is certified. A detailed proposal may be attached to a properly executed Schedule 2.

| Line Item | Item Description                    | Unit Price | Quantity/ Units | Contingencies/ Allowances | Total Price/Percentage |
|-----------|-------------------------------------|------------|-----------------|---------------------------|------------------------|
| 1         | Due Diligence                       | -          | -               | -                         | -                      |
| 2         | Field Investigation                 | 1          | LS              | -                         | \$47,765.00            |
| 3         | Preparation of Technical Memorandum | 1          | LS              | -                         | \$2,165.00             |
|           |                                     |            |                 |                           |                        |
|           |                                     |            |                 |                           |                        |
|           |                                     |            |                 |                           |                        |

The undersigned Subcontractor/subconsultant is prepared to self-perform the above-described work in conjunction with the aforementioned project at the following total price or percentage: \$49,930.00

If the undersigned intends to subcontract any portion of this work to another Subcontractor/subconsultant, please list the business name and the amount below accompanied by a separate properly executed Schedule 2.

N/A Price or Percentage: N/A  
 Name of 2<sup>nd</sup>/3<sup>rd</sup> tier Subcontractor/subconsultant

Calvin, Giordano & Associates, Inc.  
 Print Name of Prime  
 By:   
 Authorized Signature  
Chris Giordano  
 Print Name  
President  
 Title  
 Date: 7/6/21

Radise International, L.C.  
 Print Name of Subcontractor/subconsultant  
 By:   
 Authorized Signature  
Cameron Skelton  
 Print Name  
Authorized Representative  
 Title  
 Date: 07/02/21



# ATTACHMENT D

## PROJECT SCHEDULE

The completion dates for this work will be as follows (starting from CONSULTANT'S receipt of Notice-to-Proceed).

| <u>Engineering Services</u>                         | <u>Completion Date from Notice to Proceed</u> |
|---|---|
| <i>Task 1 – Due Diligence</i>                       | <i>135 days</i>                               |
| <i>Task 2 – Field Evaluation</i>                    | <i>225 days</i>                               |
| <i>Task 3 – Preparation of Technical Memorandum</i> | <i>300 days</i>                               |

Revised 04/26/2021

**ATTACHMENT E  
BUDGET SUMMARY**

Palm Beach County Water Utilities Department  
 Contract for Consulting/Professional Services for Emergency and Disaster Mitigation and Recovery Engineering Services  
 Resolution No. R2017-0821 Contract Dated 06-20-2017  
 Consultant Services Authorization: 3  
 Consultant: Calvin Giordano & Associates, Inc.  
 Project Title: Water Treatment Plant Nos. 8 and 11 Hurricane Hardening  
 PBCWUD Project No.: 21-061

| BUDGET SUMMARY |  |                    |                     |                        |                     |                     |              |                      |                |                          |
|----------------|--|--------------------|---------------------|------------------------|---------------------|---------------------|--------------|----------------------|----------------|--------------------------|
| Task Number    | Task Description   | Director           | Project Manager     | Sr Registered Surveyor | Survey Crew         | Survey Cadd         | PRIME TOTALS |                      |                |                          |
|                |  |                    |                     |                        |                     |                     | Total Hours  | Total Labor          | Total Expenses | Total Labor and Expenses |
|                | Raw Rate RANGE from MASTER EXHIBIT C                     | \$ 58.33           | \$ 50.00            | \$ 48.33               | \$ 45.00            | \$ 31.67            |              |                      |                |                          |
|                | Raw Rate >   | \$ 58.33           | \$ 50.00            | \$ 48.33               | \$ 45.00            | \$ 31.67            |              |                      |                |                          |
|                | Multiplier >   | 3                  | 3                   | 3                      | 3                   | 3                   |              |                      |                |                          |
|                | Bill Rate >  | \$ 175.00          | \$ 150.00           | \$ 145.00              | \$ 135.00           | \$ 95.00            |              |                      |                |                          |
| <b>TASK 1</b>  | <b>DUE DILIGENCE</b>                                     |                    |                     |                        |                     |                     |              |                      |                |                          |
|                | Subtask 1.1 - DATA COLLECTION                            | 2                  | 25                  |                        |                     |                     | 27           | \$ 4,100.00          | \$ -           | \$ 4,100.00              |
|                | Subtask 1.2 - SITE VISITS                                |                    | 20                  |                        |                     |                     | 20           | \$ 3,000.00          | \$ -           | \$ 3,000.00              |
|                | Subtask 1.3 - REVIEW RECORD DOCUMENTS                    | 2                  | 32                  |                        |                     |                     | 34           | \$ 5,150.00          | \$ -           | \$ 5,150.00              |
|                | Subtask 1.4 - SURVEY                                     |                    | 24                  | 41                     | 210                 | 1032                | 1307         | \$ 135,935.00        | \$ -           | \$ 135,935.00            |
|                | Subtask 1.5 - STRUCTURAL INVESTIGATION                   |                    |                     |                        |                     |                     |              | \$ -                 | \$ -           | \$ -                     |
|                | Subtask 1.6 - PREPARE SUMMARY OF FINDINGS                | 2                  | 8                   |                        |                     |                     | 10           | \$ 1,550.00          | \$ -           | \$ 1,550.00              |
|                | Subtask 1.7 - MEETING WITH PBCWUD                        | 4                  | 6                   |                        |                     |                     | 10           | \$ 1,600.00          | \$ -           | \$ 1,600.00              |
|                | <b>Task 1 - Subtotal</b>                                 | <b>10</b>          | <b>115</b>          | <b>41</b>              | <b>210</b>          | <b>1032</b>         | <b>81</b>    | <b>\$ 151,335.00</b> | <b>\$ -</b>    | <b>\$ 151,335.00</b>     |
| <b>TASK 2</b>  | <b>FIELD EVALUATION</b>                                  |                    |                     |                        |                     |                     |              |                      |                |                          |
|                | Subtask 2.1 - FIELD COORDINATION                         |                    | 16                  |                        |                     |                     | 16           | \$ 2,400.00          | \$ -           | \$ 2,400.00              |
|                | Subtask 2.2 - NONDESTRUCTIVE TEST                        |                    | 32                  |                        |                     |                     | 32           | \$ 4,800.00          | \$ -           | \$ 4,800.00              |
|                | Subtask 2.3 - STRUCTURAL FIELD EVALUATION                |                    |                     |                        |                     |                     |              | \$ -                 | \$ -           | \$ -                     |
|                | Subtask 2.4 - PREPARE SUMMARY OF FINDINGS                | 3                  | 10                  |                        |                     |                     | 13           | \$ 2,025.00          | \$ -           | \$ 2,025.00              |
|                | Subtask 2.5 - MEETING WITH PBCWUD                        | 4                  | 6                   |                        |                     |                     | 10           | \$ 1,600.00          | \$ -           | \$ 1,600.00              |
|                | <b>Task 2 - Subtotal</b>                                 | <b>7</b>           | <b>64</b>           | <b>0</b>               | <b>0</b>            | <b>0</b>            | <b>71</b>    | <b>\$ 10,825.00</b>  | <b>\$ -</b>    | <b>\$ 10,825.00</b>      |
| <b>TASK 3</b>  | <b>PREPARATION OF TECHNICAL MEMORANDUM</b>               |                    |                     |                        |                     |                     |              |                      |                |                          |
|                | Subtask 3.1 - COMPILER ALL DATA/INVESTIGATION RESULTS    | 8                  | 26                  |                        |                     |                     | 34           | \$ 5,300.00          | \$ -           | \$ 5,300.00              |
|                | Subtask 3.2 - PREPARE TM                                 | 8                  | 56                  |                        |                     |                     | 64           | \$ 9,800.00          | \$ -           | \$ 9,800.00              |
|                | Subtask 3.3 - MEETING WITH PBCWUD                        | 6                  | 8                   |                        |                     |                     | 14           | \$ 2,250.00          | \$ -           | \$ 2,250.00              |
|                | <b>Task 3 - Subtotal</b>                                 | <b>22</b>          | <b>90</b>           | <b>0</b>               | <b>0</b>            | <b>0</b>            | <b>112</b>   | <b>\$ 17,350.00</b>  | <b>\$ -</b>    | <b>\$ 17,350.00</b>      |
|                | <b>Total Task 1-3</b>                                    | <b>39</b>          | <b>269</b>          | <b>41</b>              | <b>210</b>          | <b>1032</b>         | <b>264</b>   | <b>\$ 179,510.00</b> | <b>\$ -</b>    | <b>\$ 179,510.00</b>     |
|                | <b>Labor Subtotal Hours</b>                              | <b>39</b>          | <b>269</b>          | <b>41</b>              | <b>210</b>          | <b>1032</b>         | <b>1591</b>  |                      |                |                          |
|                | <b>Labor Raw Costs</b>                                   | <b>\$ 2,275.00</b> | <b>\$ 13,450.00</b> | <b>\$ 1,981.67</b>     | <b>\$ 9,450.00</b>  | <b>\$ 32,680.00</b> |              | <b>\$ 59,836.67</b>  |                |                          |
|                | <b>Labor Subtotal (Bill Rate * Labor Subtotal Hours)</b> | <b>\$ 6,825.00</b> | <b>\$ 40,350.00</b> | <b>\$ 5,945.00</b>     | <b>\$ 28,350.00</b> | <b>\$ 98,040.00</b> |              | <b>\$ 179,510.00</b> |                |                          |
|                | <b>PROJECT TOTAL</b>                                     |                    |                     |                        |                     |                     | <b>264</b>   | <b>\$ 179,510.00</b> | <b>\$ -</b>    | <b>\$ 179,510.00</b>     |
|                | Labor distribution by category (hours basis)             | 2.45%              | 16.91%              | 2.58%                  | 13.20%              | 64.86%              | 1591         | \$ 179,510.00        | check          | \$ 179,510.00            |
|                | Labor distribution by category (\$ basis)                | 3.80%              | 22.48%              | 3.31%                  | 15.79%              | 54.62%              |              |                      |                |                          |
|                | Top 5 categories (hours basis)                           | 21.94%             |                     |                        |                     |                     |              |                      |                |                          |
|                | Top 5 categories (dollars basis)                         | 29.59%             |                     |                        |                     |                     |              |                      |                |                          |

**ATTACHMENT E  
BUDGET SUMMARY**

Palm Beach County Water Utilities Department  
 Contract for Consulting/Professional Services for Emergency and Disaster Mitigation and Recovery Engineering Services  
 Resolution No. R2017-0821 Contract Dated 06-20-2017  
 Consultant Services Authorization: 3  
 Consultant: Calvin Giordano & Associates, Inc.  
 Project Title: Water Treatment Plant Nos. 8 and 11 Hurricane Hardening  
 PBCWUD Project No.: 21-061

**BUDGET SUMMARY - Lakdas/Yohalem Engineering, Inc.**

| Task Number   | Task Description   | Project Engineer    | Engineer            | SUBCONSULTANT TOTALS |                      |                |                          |
|---------------|--|---------------------|---------------------|----------------------|----------------------|----------------|--------------------------|
|               |  |                     |                     | Total Hours          | Total Labor          | Total Expenses | Total Labor and Expenses |
|               | Raw Rate RANGE from MASTER EXHIBIT C                         |                     |                     |                      |                      |                |                          |
|               | Raw Rate >   |                     |                     |                      |                      |                |                          |
|               | Multiplier >   |                     |                     |                      |                      |                |                          |
|               | Bill Rate >  | \$ 145.00           | \$ 120.00           |                      |                      |                |                          |
| <b>TASK 1</b> | <b>DUE DILIGENCE</b>   |                     |                     |                      |                      |                |                          |
|               | <i>Subtask 1.1 - DATA COLLECTION</i>                         | 8                   | 16                  | 24                   | \$ 3,080.00          | \$ -           | \$ 3,080.00              |
|               | <i>Subtask 1.2 - SITE VISITS</i>                             | 16                  | 16                  | 32                   | \$ 4,240.00          | \$ -           | \$ 4,240.00              |
|               | <i>Subtask 1.3 - REVIEW RECORD DOCUMENTS</i>                 | 40                  | 54                  | 94                   | \$ 12,280.00         | \$ -           | \$ 12,280.00             |
|               | <i>Subtask 1.4 - SURVEY</i>                                  |                     |                     | 0                    | \$ -                 | \$ -           | \$ -                     |
|               | <i>Subtask 1.5 - STRUCTURAL INVESTIGATION</i>                | 56                  | 96                  |                      | \$ 19,640.00         | \$ -           | \$ 19,640.00             |
|               | <i>Subtask 1.6 - PREPARE SUMMARY OF FINDINGS</i>             | 20                  | 48                  | 68                   | \$ 8,660.00          | \$ -           | \$ 8,660.00              |
|               | <i>Subtask 1.7 - MEETING WITH PBCWUD</i>                     | 4                   | 4                   | 8                    | \$ 1,060.00          | \$ -           | \$ 1,060.00              |
|               | <b>Task 1 - Subtotal</b>                                     | <b>144</b>          | <b>234</b>          | <b>150</b>           | <b>\$ 48,960.00</b>  | <b>\$ -</b>    | <b>\$ 48,960.00</b>      |
| <b>TASK 2</b> | <b>FIELD EVALUATION</b>                                      |                     |                     |                      |                      |                |                          |
|               | <i>Subtask 2.1 - FIELD COORDINATION</i>                      |                     |                     | 0                    | \$ -                 | \$ -           | \$ -                     |
|               | <i>Subtask 2.2 - NONDESTRUCTIVE TEST</i>                     |                     |                     | 0                    | \$ -                 | \$ -           | \$ -                     |
|               | <i>Subtask 2.3 - STRUCTURAL FIELD EVALUATION</i>             | 35                  | 156                 |                      | \$ 23,795.00         | \$ -           | \$ 23,795.00             |
|               | <i>Subtask 2.4 - PREPARE SUMMARY OF FINDINGS</i>             | 16                  | 40                  | 56                   | \$ 7,120.00          | \$ -           | \$ 7,120.00              |
|               | <i>Subtask 2.5 - MEETING WITH PBCWUD</i>                     | 4                   | 4                   | 8                    | \$ 1,060.00          | \$ -           | \$ 1,060.00              |
|               | <b>Task 2 - Subtotal</b>                                     | <b>55</b>           | <b>200</b>          | <b>64</b>            | <b>\$ 31,975.00</b>  | <b>\$ -</b>    | <b>\$ 31,975.00</b>      |
| <b>TASK 3</b> | <b>PREPARATION OF TECHNICAL MEMORANDUM</b>                   |                     |                     |                      |                      |                |                          |
|               | <i>Subtask 3.1 - COMPILER ALL DATA/INVESTIGATION RESULTS</i> |                     |                     | 0                    | \$ -                 | \$ -           | \$ -                     |
|               | <i>Subtask 3.2 - PREPARE TM</i>                              | 54                  | 135                 | 189                  | \$ 24,030.00         | \$ -           | \$ 24,030.00             |
|               | <i>Subtask 3.3 - MEETING WITH PBCWUD</i>                     | 4                   | 4                   | 8                    | \$ 1,060.00          | \$ -           | \$ 1,060.00              |
|               | <b>Task 3 - Subtotal</b>                                     | <b>58</b>           | <b>139</b>          | <b>197</b>           | <b>\$ 25,090.00</b>  | <b>\$ -</b>    | <b>\$ 25,090.00</b>      |
|               | <b>Total Task 1-3</b>  | <b>257</b>          | <b>573</b>          | <b>411</b>           | <b>\$ 106,025.00</b> | <b>\$ -</b>    | <b>\$ 106,025.00</b>     |
|               | <b>Labor Subtotal Hours</b>                                  | <b>257</b>          | <b>573</b>          | <b>830</b>           |                      |                |                          |
|               | <b>Labor Raw Costs</b>                                       | <b>\$ -</b>         | <b>\$ -</b>         |                      | <b>\$ -</b>          |                |                          |
|               | <b>Labor Subtotal (Bill Rate * Labor Subtotal Hours)</b>     | <b>\$ 37,265.00</b> | <b>\$ 68,760.00</b> |                      | <b>\$ 106,025.00</b> |                |                          |
|               | <b>PROJECT TOTAL</b>   |                     |                     | <b>411</b>           | <b>\$ 106,025.00</b> | <b>\$ -</b>    | <b>\$ 106,025.00</b>     |
|               | Labor distribution by category (hours basis)                 | 30.96%              | 69.04%              | 830                  | \$ 106,025.00        | check          | \$ 106,025.00            |
|               | Labor distribution by category (\$ basis)                    | 35.15%              | 64.85%              |                      |                      |                |                          |
|               | Top 5 categories (hours basis)                               | 100.00%             |                     |                      |                      |                |                          |
|               | Top 5 categories (dollars basis)                             | 100.00%             |                     |                      |                      |                |                          |

**ATTACHMENT E  
BUDGET SUMMARY**

Palm Beach County Water Utilities Department  
 Contract for Consulting/Professional Services for Emergency and Disaster Mitigation and Recovery Engineering Services  
 Resolution No. R2017-0821 Contract Dated 06-20-2017  
 Consultant Services Authorization: 3  
 Consultant: Calvin Giordano & Associates, Inc.  
 Project Title: Water Treatment Plant Nos. 8 and 11 Hurricane Hardening  
 PBCWUD Project No.: 21-061

**BUDGET SUMMARY - RADISE International, L.C.**

| Task Number   | Task Description  | Senior Engineer, PE (VIII 2.) | Engineer (VII 2.)   | Staff Engineer (VII 4.) | SUBCONSULTANT TOTALS |                     |                    |                          |
|---------------|---|-------------------------------|---------------------|-------------------------|----------------------|---------------------|--------------------|--------------------------|
|               |   |                               |                     |                         | Total Hours          | Total Labor         | Total Expenses     | Total Labor and Expenses |
|               | Raw Rate RANGE from MASTER EXHIBIT C                        |                               |                     |                         |                      |                     |                    |                          |
|               | Raw Rate >  |                               |                     |                         |                      |                     |                    |                          |
|               | Multiplier >  |                               |                     |                         |                      |                     |                    |                          |
|               | Bill Rate >   | \$ 155.00                     | \$ 135.00           | \$ 105.00               |                      |                     |                    |                          |
| <b>TASK 1</b> | <b>DUE DILIGENCE</b>  |                               |                     |                         |                      |                     |                    |                          |
|               | <i>Subtask 1.1 - DATA COLLECTION</i>                        |                               |                     |                         | 0                    | \$ -                | \$ -               | \$ -                     |
|               | <i>Subtask 1.2 - SITE VISITS</i>                            |                               |                     |                         | 0                    | \$ -                | \$ -               | \$ -                     |
|               | <i>Subtask 1.3 - REVIEW RECORD DOCUMENTS</i>                |                               |                     |                         | 0                    | \$ -                | \$ -               | \$ -                     |
|               | <i>Subtask 1.4 - SURVEY</i>                                 |                               |                     |                         | 0                    | \$ -                | \$ -               | \$ -                     |
|               | <i>Subtask 1.5 - STRUCTURAL INVESTIGATION</i>               |                               |                     |                         | 0                    | \$ -                | \$ -               | \$ -                     |
|               | <i>Subtask 1.6 - PREPARE SUMMARY OF FINDINGS</i>            |                               |                     |                         | 0                    | \$ -                | \$ -               | \$ -                     |
|               | <i>Subtask 1.7 - MEETING WITH PBCWUD</i>                    |                               |                     |                         | 0                    | \$ -                | \$ -               | \$ -                     |
|               | <b>Task 1 - Subtotal</b>                                    | <b>0</b>                      | <b>0</b>            |                         | <b>0</b>             | <b>\$ -</b>         | <b>\$ -</b>        | <b>\$ -</b>              |
| <b>TASK 2</b> | <b>FIELD EVALUATION</b>                                     |                               |                     |                         |                      |                     |                    |                          |
|               | <i>Subtask 2.1 - FIELD COORDINATION</i>                     |                               |                     |                         | 0                    | \$ -                | \$ -               | \$ -                     |
|               | <i>Subtask 2.2 - NONDESTRUCTIVE TEST</i>                    | 20                            | 80                  | 80                      | 180                  | \$ 22,300.00        | \$ 9,600.00        | \$ 31,900.00             |
|               | <i>Subtask 2.3 - STRUCTURAL FIELD EVALUATION</i>            |                               |                     |                         |                      | \$ -                | \$ -               | \$ -                     |
|               | <i>Subtask 2.4 - PREPARE SUMMARY OF FINDINGS</i>            | 20                            | 60                  | 40                      | 120                  | \$ 15,400.00        | \$ -               | \$ 15,400.00             |
|               | <i>Subtask 2.5 - MEETING WITH PBCWUD</i>                    | 3                             |                     |                         | 3                    | \$ 465.00           | \$ -               | \$ 465.00                |
|               | <b>Task 2 - Subtotal</b>                                    | <b>43</b>                     | <b>140</b>          |                         | <b>303</b>           | <b>\$ 38,165.00</b> | <b>\$ 9,600.00</b> | <b>\$ 47,765.00</b>      |
| <b>TASK 3</b> | <b>PREPARATION OF TECHNICAL MEMORANDUM</b>                  |                               |                     |                         |                      |                     |                    |                          |
|               | <i>Subtask 3.1 - COMPILE ALL DATA/INVESTIGATION RESULTS</i> |                               |                     |                         | 0                    | \$ -                | \$ -               | \$ -                     |
|               | <i>Subtask 3.2 - PREPARE TM</i>                             | 4                             | 8                   |                         | 12                   | \$ 1,700.00         | \$ -               | \$ 1,700.00              |
|               | <i>Subtask 3.3 - MEETING WITH PBCWUD</i>                    | 3                             |                     |                         | 3                    | \$ 465.00           | \$ -               | \$ 465.00                |
|               | <b>Task 3 - Subtotal</b>                                    | <b>7</b>                      | <b>8</b>            |                         | <b>15</b>            | <b>\$ 2,165.00</b>  | <b>\$ -</b>        | <b>\$ 2,165.00</b>       |
|               | <b>Total Task 1-3</b>                                       | <b>50</b>                     | <b>148</b>          |                         | <b>318</b>           | <b>\$ 40,330.00</b> | <b>\$ 9,600.00</b> | <b>\$ 49,930.00</b>      |
|               | <b>Labor Subtotal Hours</b>                                 | <b>50</b>                     | <b>148</b>          |                         | <b>198</b>           |                     |                    |                          |
|               | <b>Labor Raw Costs</b>                                      | <b>\$ -</b>                   | <b>\$ -</b>         |                         |                      | <b>\$ -</b>         |                    |                          |
|               | <b>Labor Subtotal (Bill Rate * Labor Subtotal Hours)</b>    | <b>\$ 7,750.00</b>            | <b>\$ 19,980.00</b> |                         |                      | <b>\$ 27,730.00</b> |                    |                          |
|               | <b>PROJECT TOTAL</b>  |                               |                     |                         | <b>318</b>           | <b>\$ 40,330.00</b> | <b>\$ 9,600.00</b> | <b>\$ 49,930.00</b>      |
|               | Labor distribution by category (hours basis)                | 25.25%                        | 74.75%              |                         | 198                  | \$ 27,730.00        | check              | \$ 49,930.00             |
|               | Labor distribution by category (\$ basis)                   | 27.95%                        | 72.05%              |                         |                      |                     |                    |                          |
|               | <b>Top 5 categories (hours basis)</b>                       | <b>100.00%</b>                |                     |                         |                      |                     |                    |                          |
|               | <b>Top 5 categories (dollars basis)</b>                     | <b>100.00%</b>                |                     |                         |                      |                     |                    |                          |

**Estimate of Work Effort and Cost  
Prime Consultant**

**BUDGET SUMMARY**

|  |   |                  |                     |
|--|---|------------------|---------------------|
| <b>Palm Beach County Water Utilities Department</b>  |   |                  |                     |
| <b>Contract for Consulting/Professional Services for Emergency and Disaster Mitigation and Recovery Engineering Services</b> |   |                  |                     |
| <b>Resolution No. <u>R2017-0821</u> Contract Dated <u>06-20-2017</u></b>   |   |                  |                     |
| <b>Consultant Services Authorization: <u>3</u></b>   |   |                  |                     |
| <b>Consultant: <u>Calvin Giordano &amp; Associates, Inc.</u></b>   |   |                  |                     |
| <b>Project Title: <u>Water Treatment Plant Nos. 8 and 11 Hurricane Hardening</u></b>   |   |                  |                     |
| <b>PBCWUD Project No.: <u>21-061</u></b>   |   |                  |                     |
|  |   |                  |                     |
| <b>RADISE Reimbursables</b>  | <b>Projected Quantity</b>                               | <b>Unit Cost</b> | <b>Project Cost</b> |
|  |   |                  |                     |
| <i>Subtask 2.2 - NONDESTRUCTIVE TEST</i>   | Infrared Thermography and Structural Scanning Equipment | 8                | \$1,200.00          |
|  |   |                  | \$9,600.00          |
|  | <b>PROJECT TOTAL</b>                                    |                  | <b>\$9,600.000</b>  |

| ATTACHMENT E  |   |                |                                  |                            |                                     |
|---|---|----------------|----------------------------------|----------------------------|-------------------------------------|
| BUDGET SUMMARY  |   |                |                                  |                            |                                     |
| Palm Beach County Water Utilities Department  |   |                |                                  |                            |                                     |
| Contract for Consulting/Professional Services for Emergency and Disaster Mitigation and Recovery Engineering Services |   |                |                                  |                            |                                     |
| Resolution No. R2017-0821 Contract Dated 06-20-2017   |   |                |                                  |                            |                                     |
| Consultant Services Authorization: 3  |   |                |                                  |                            |                                     |
| Consultant: Calvin Giordano & Associates, Inc.  |   |                |                                  |                            |                                     |
| Project Title: Water Treatment Plant Nos. 8 and 11 Hurricane Hardening  |   |                |                                  |                            |                                     |
| PBCWUD Project No.: 21-061  |   |                |                                  |                            |                                     |
| BUDGET SUMMARY  |   |                |                                  |                            |                                     |
| Task Number   | Task Description                                      | SUBCONSULTANTS |                                  |                            | TOTAL                               |
|   |   | PRIME          | Lakdas/Yohalem Engineering, Inc. | Radise International, L.C. |                                     |
| OEBO APPROVED AWARDED CATEGORY  |   | Non-SBE        | SBE                              | SBE                        |                                     |
| TASK 1  | DUE DILIGENCE   |                |                                  |                            |                                     |
|   | Subtask 1.1 - DATA COLLECTION                         | \$ 4,100.00    | \$ 3,080.00                      | \$ -                       | \$ 7,180.00                         |
|   | Subtask 1.2 - SITE VISITS                             | \$ 3,000.00    | \$ 4,240.00                      | \$ -                       | \$ 7,240.00                         |
|   | Subtask 1.3 - REVIEW RECORD DOCUMENTS                 | \$ 5,150.00    | \$ 12,280.00                     | \$ -                       | \$ 17,430.00                        |
|   | Subtask 1.4 - SURVEY                                  | \$ 135,935.00  | \$ -                             | \$ -                       | \$ 135,935.00                       |
|   | Subtask 1.5 - STRUCTURAL INVESTIGATION                | \$ -           | \$ 19,640.00                     | \$ -                       | \$ 19,640.00                        |
|   | Subtask 1.6 - PREPARE SUMMARY OF FINDINGS             | \$ 1,550.00    | \$ 8,660.00                      | \$ -                       | \$ 10,210.00                        |
|   | Subtask 1.7 - MEETING WITH PBCWUD                     | \$ 1,600.00    | \$ 1,060.00                      | \$ -                       | \$ 2,660.00                         |
|   | Task 1 - Subtotal                                     | \$ 151,335.00  | \$ 48,960.00                     | \$ -                       | \$ 200,295.00                       |
| TASK 2  | FIELD EVALUATION                                      |                |                                  |                            |                                     |
|   | Subtask 2.1 - FIELD COORDINATION                      | \$ 2,400.00    | \$ -                             | \$ -                       | \$ 2,400.00                         |
|   | Subtask 2.2 - NON-DESTRUCTIVE TEST                    | \$ 4,800.00    | \$ -                             | \$ 31,900.00               | \$ 36,700.00                        |
|   | Subtask 2.3 - STRUCTURAL FIELD EVALUATION             |                | \$ 23,795.00                     | \$ -                       | \$ 23,795.00                        |
|   | Subtask 2.4 - PREPARE SUMMARY OF FINDINGS             | \$ 2,025.00    | \$ 7,120.00                      | \$ 15,400.00               | \$ 24,545.00                        |
|   | Subtask 2.5 - MEETING WITH PBCWUD                     | \$ 1,600.00    | \$ 1,060.00                      | \$ 465.00                  | \$ 3,125.00                         |
|   | Task 2 - Subtotal                                     | \$ 10,825.00   | \$ 31,975.00                     | \$ 47,765.00               | \$ 90,565.00                        |
| TASK 3  | PREPARATION OF TECHNICAL MEMORANDUM                   |                |                                  |                            |                                     |
|   | Subtask 3.1 - COMPILER ALL DATA/INVESTIGATION RESULTS | \$ 5,300.00    | \$ -                             | \$ -                       | \$ 5,300.00                         |
|   | Subtask 3.2 - PREPARE TM                              | \$ 9,800.00    | \$ 24,030.00                     | \$ 1,700.00                | \$ 35,530.00                        |
|   | Subtask 3.3 - MEETING WITH PBCWUD                     | \$ 2,250.00    | \$ 1,060.00                      | \$ 465.00                  | \$ 3,775.00                         |
|   | Task 3 - Subtotal                                     | \$ 17,350.00   | \$ 25,090.00                     | \$ 2,165.00                | \$ 44,605.00                        |
|   | Total Task 1-3  | \$ 179,510.00  | \$ 106,025.00                    | \$ 49,930.00               | \$ 335,465.00                       |
|   | TOTAL PROJECT   | \$ 179,510.00  | \$ 106,025.00                    | \$ 49,930.00               | \$ 335,465.00                       |
|   | Percentage  | 53.511%        | 31.605%                          | 14.884%                    |                                     |
|   | PRIME   | \$ 179,510.00  |                                  | 53.51%                     |                                     |
|   | Others, Non-SBE                                       | \$ -           |                                  | 0.000%                     |                                     |
|   | SBE   | \$ 155,955.00  |                                  | 46.48%                     | SUB1, SUB2, SUB4, SUB6, SUB8, SUB10 |
|   | M/WBE (Black)   | \$ -           |                                  | 0.00%                      | SUB1, SUB2                          |
|   | M/WBE (Asian)   | \$ -           |                                  | 0.00%                      | SUB6, SUB8                          |



June 23, 2021

Emeliz Torres, P.E.  
 Project Manager  
 Calvin, Giordano & Associates, Inc.  
 1800 Eller Drive, Suite 600  
 Fort Lauderdale, FL 33316

**RE: PBC WTP 8 & 11 Hurricane Hardening  
 Structural Engineering Services**

Dear Emeliz,

With reference to our telephone conversation and subsequent email Lakdas/Yohalem Engineering, Inc, (LYE) would be pleased to provide structural engineering services for the above referenced project.

LYE Services Include the Following:

- Evaluation of One Building Structure at Site #11
  - Administration, Control and Membrane Building
- Evaluation of Four Buildings at Site #8
  - Administration, Control, and Filter Building
  - Generator and Warehouse Building
  - Chlorine Building
  - Wellfield Generator
- Support Services to CGA Preparation with Due Diligence and Evaluation of Remaining Identified Structures at Each Site.
  - Review Structural Plans Provided by CGA
  - Highlight Structural Design Criteria
  - Identify which Building Code Used for Designing of the Reference Structure

LYE informed CGA that original construction documents are needed for review to assist with this project.

Our fee for the said services would be as follow:

| Task   | Project Engineer | Engineer  | Total                |
|--|------------------|-----------|----------------------|
|  | \$ 145.00        | \$ 120.00 |                      |
| Task1 - Due Diligence & Analysis   | 144              | 234       | \$ 48,960.00         |
| Task 2- Onsite Evaluation (Field Investigation)  | 55               | 200       | \$ 31,975.00         |
| Task 3 - Compile a Report with Findings & Recommendations<br>(Preparation of Technical Memorandum) | 58               | 139       | \$ 25,090.00         |
| <b>Total</b>   |                  |           | <b>\$ 106,025.00</b> |

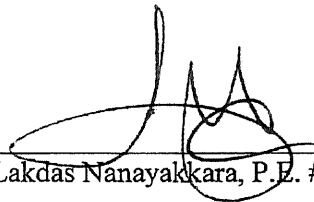
- 2211 N.E. 54<sup>th</sup> Street, Ft. Lauderdale, FL 33308 – (954) 771-0630 – Fax (954) 771-0519
    - 580 Village Blvd. Suite 325 West Palm Beach, FL 33409
    - 16250 NW 59 Ave, #207A, Miami Lakes, FL 33014
- Lye@lyengineering.com



**Our total fee for the said services would be \$106,025.00**

Please sign and return this proposal or provide us with a purchase order so that we can proceed with the work.

Sincerely,



Lakdas Nanayakkara, P.E. #37590

Accepted By: Emeliz Torres

Date

- 2211 N.E. 54<sup>th</sup> Street, Ft. Lauderdale, Fl 33308 – (954) 771-0630 – Fax (954) 771-0519
  - 580 Village Blvd. Suite 325 West Palm Beach, FL 33409
  - 16250 NW 59 Ave, #207A, Miami Lakes, FL 33014  
Lye@lyengineering.com





July 1, 2021

Calvin, Giordano & Associates, Inc.  
Attn: Emeliz Torres, P.E. – Project Manager  
580 Village Blvd, Suite 325,  
West Palm Beach, FL 33409  
Office: 954.921.7781 | Direct: 954.766.2779  
Email: ETorres@cgasolutions.com

## LAB CERTIFICATIONS



Certified



Approved



Validated

## CTQP CERTIFIED TEAM

*USACE Certified QA Managers*

**Subject: Proposal for Nondestructive Testing Services  
#21-4238 - Water Treatment Plant Nos. 8 and 11 Hurricane Hardening  
Palm Beach County Water Utility District (PBCWUD), FL**

---

RADISE International LC (RADISE) is pleased to submit this proposal to assist with the structural evaluation for Water Treatment Plant Nos. 8 and 11 Hurricane Hardening project, located in Palm Beach County, FL. Non-destructive testing services will be conducted on the exterior envelopes of the 5 initially selected buildings utilizing multiple techniques, including Infrared Thermography, Structural Scanning Equipment, and various resistant tests. The services provided will generally involve performance-based testing to confirm the current structural condition of the structures.

### SCOPE OF WORK

To assist with the structural evaluation, RADISE will conduct nondestructive testing on the exterior envelope of the 5 select buildings utilizing infrared thermography and pachometer equipment.

RADISE will perform Infrared Thermography testing on the exterior building envelopes of each of the 5 structures to identify the presence of grout column infill and the respective spacing of the grout columns.

The Infrared Thermography and subsequent Structure Scan Equipment will be used to locate the grout infill within the cells of the masonry walls and determine the presence of steel reinforcement within the grout columns. It is anticipated that scanning for structural reinforcing will be performed at multiple locations on each wall of the building envelopes, and select locations provided by the structural engineer.

Should it be determined that the surveys for the higher/multi-level structures will need to be performed using support equipment to elevate the work staff, additional costs for rental of the scissor lift equipment and time to perform the survey will be incurred.

Upon completion of the field-testing program, an engineering report presenting our data and analysis will be prepared under the supervision of a Florida Registered Professional Engineer. The completed report package will include:

1. A printed hard copy report with a cover letter explaining the procedures, conditions, and results of the testing performed.
2. Individual thermographic report pages and photographs of the findings, explaining exact location (referencing column lines) and condition of the walls in question, using photo quality prints of the visual and infrared imagery.

The scope of work considers evaluation of only the 5 initial structures. Any other buildings or miscellaneous structures are not included in this proposal

### **COMPENSATION**

We propose to render the services discussed in the Scope of Work section on a time-and-expense basis for not to exceed figure of \$49,930.00. This cost estimate is based on our experience with similar PBCWUD projects and conditions.

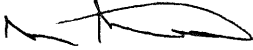
### **CLOSURE**

We appreciate the opportunity to submit this proposal and look forward to rendering the services described previously. If you have any questions or need additional information, please contact us at 561-841-0103.

Sincerely,

**RADISE International, LC**

**Newton M. Brooks**  
Construction Services Manager

  
**Gregory J. Stelmack, P.E**  
Vice President





**ATTACHMENT A**  
**FEE BREAKDOWN**  
**PBCWUD Proposal for Specialty Services**  
**Hurricane Hardening Evaluation - Phase II**  
**Palm Beach County, Florida**

|               |   | <u>Qty</u> | <u>Unit</u> | <u>Unit Price</u> | <u>Total</u>               |
|---------------|---|------------|-------------|-------------------|----------------------------|
| <b>TASK 2</b> | <b><u>FIELD EVALUATION</u></b>                          |            |             |                   |                            |
|               | <b>Subtask 2.2 NONDESTRUCTIVE TESTS</b>                 |            |             |                   |                            |
|               | Senior Engineer, PE (VIII 2.)                           | 20         | Hour        | \$ 155.00         | \$ 3,100.00                |
|               | Engineer (VIII 2.)                                      | 80         | Hour        | \$ 135.00         | \$ 10,800.00               |
|               | Staff Engineer (VIII 4.)                                | 80         | Hour        | \$ 105.00         | \$ 8,400.00                |
|               | Infrared Thermography and Structural Scanning Equipment | 8          | Day         | \$ 1,200.00       | \$ 9,600.00                |
|               |   |            |             |                   | <b>\$ 31,900.00</b>        |
|               | <b>Subtask 2.4 PREPARE SUMMARY OF FINDINGS</b>          |            |             |                   |                            |
|               | Senior Engineer, PE (VIII 2.)                           | 20         | Hour        | \$ 155.00         | \$ 3,100.00                |
|               | Engineer, PE (VIII 3.)                                  | 60         | Hour        | \$ 135.00         | \$ 8,100.00                |
|               | Staff Engineer (VIII 4.)                                | 40         | Hour        | \$ 105.00         | \$ 4,200.00                |
|               |   |            |             |                   | <b>\$ 15,400.00</b>        |
|               | <b>Subtask 2.5 MEETING WITH PBCWUD</b>                  |            |             |                   |                            |
|               | Senior Engineer, PE (VIII 2.)                           | 3          | Hour        | \$ 155.00         | \$ 465.00                  |
|               |   |            |             |                   | <b>\$ 465.00</b>           |
| <b>TASK 3</b> | <b><u>PREPARATION OF TECHNICAL MEMORANDUM</u></b>       |            |             |                   |                            |
|               | <b>Subtask 3.2 PREPARE TM</b>                           |            |             |                   |                            |
|               | Senior Engineer, PE (VIII 2.)                           | 4          | Hour        | \$ 155.00         | \$ 620.00                  |
|               | Engineer, PE (VIII 3.)                                  | 8          | Hour        | \$ 135.00         | \$ 1,080.00                |
|               | Staff Engineer (VIII 4.)                                | 0          | Hour        | \$ 105.00         | \$ -                       |
|               |   |            |             |                   | <b>\$ 1,700.00</b>         |
|               | <b>Subtask 3.3 MEETING WITH PBCWUD</b>                  |            |             |                   |                            |
|               | Senior Engineer, PE (VIII 2.)                           | 3          | Hour        | \$ 155.00         | \$ 465.00                  |
|               |   |            |             |                   | <b>\$ 465.00</b>           |
|               |   |            |             |                   | <b>TOTAL: \$ 49,930.00</b> |

## ATTACHMENT F

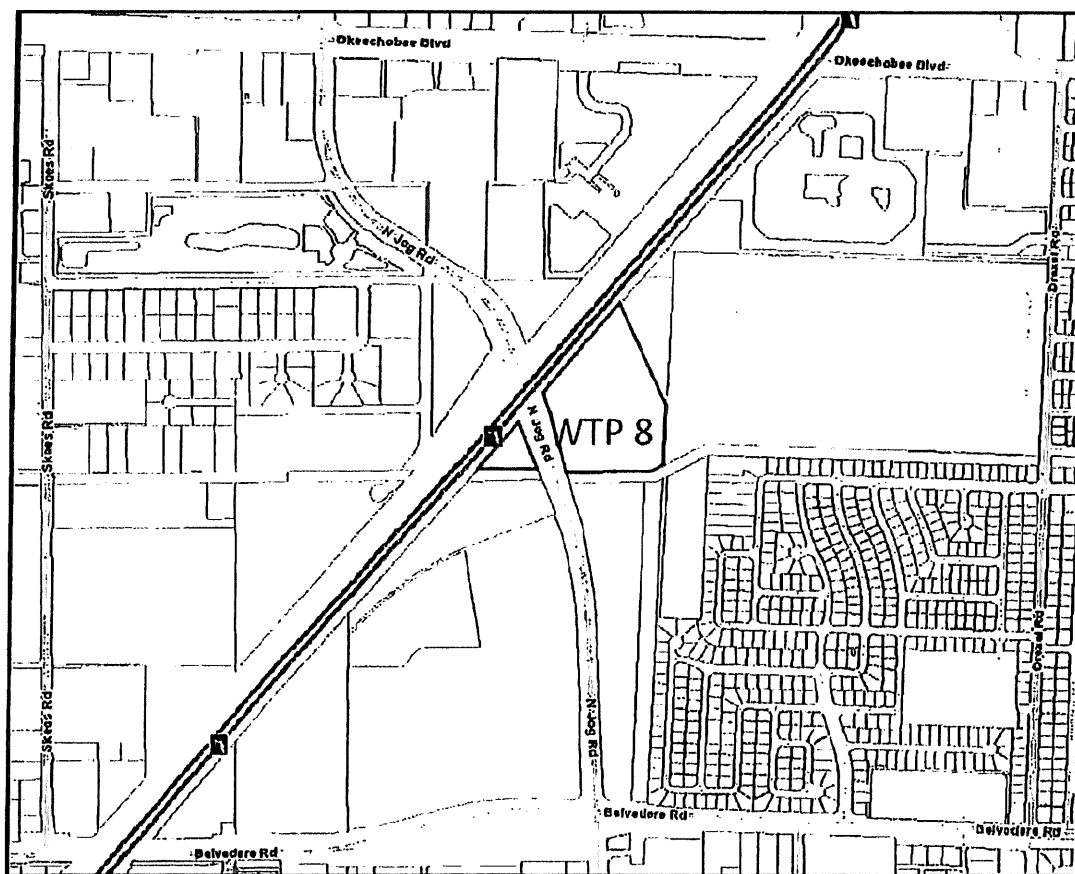
Palm Beach County Water Utilities Department  
Contract for Consulting/Professional Services  
*Emergency and Disaster Mitigation and Recovery Engineering Services*  
Resolution No. R2017-0821 Contract Dated 06/20/2017

### SUMMARY OF SBE-M/WBE BUSINESS TRACKING

| <b>Master Contract Goals</b>                                | <b>SBE:<br/>41%</b> |
|---|---------------------|
|   |                     |
| <b>Current Proposal</b>                                     |                     |
| Value of Authorization No. 3                                | <b>\$335,465.00</b> |
| Value of SBE-M/WBE Letters of Intent                        | <b>\$155,955.00</b> |
| Actual Percentage   | <b>46.48%</b>       |
|   |                     |
| <b>Signed/Approved Authorizations</b>                       |                     |
| Total Value of Authorizations                               | <b>\$244,875.00</b> |
| Total Value of SBE-M/WBE Signed Subcontractors              | <b>\$164,450.00</b> |
| Actual Percentage   | <b>67.15%</b>       |
|   |                     |
| <b>Signed/Approved Authorizations Plus Current Proposal</b> |                     |
| Total Value of Authorization                                | <b>\$580,340.00</b> |
| Total Value of Subcontractors & Letters of Intent           | <b>\$320,405.00</b> |
| Actual Percentage   | <b>55.20%</b>       |

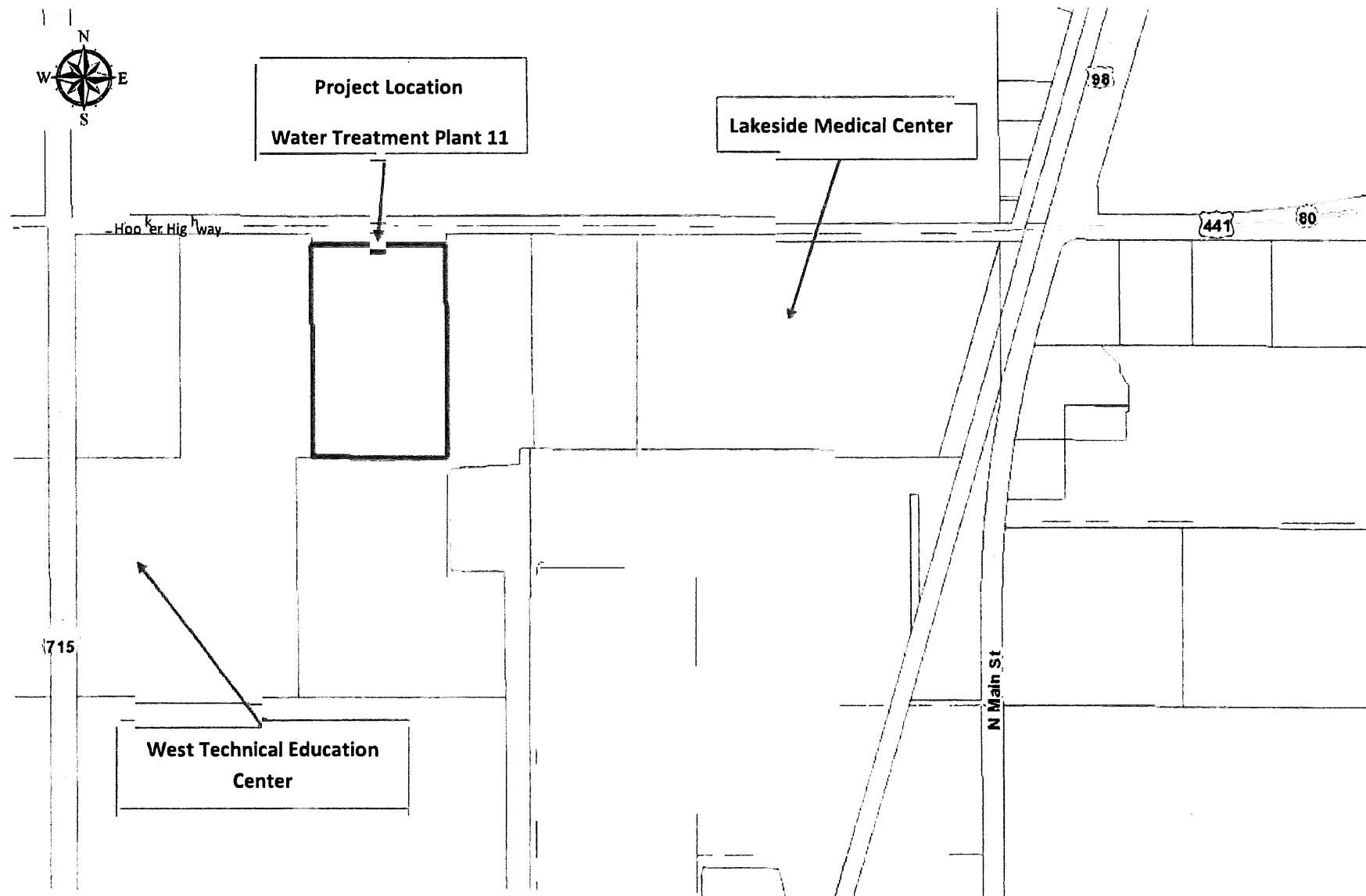
Revised 04/26/2021

ATTACHMENT G  
Location Map  
WUD Project No. 21-061

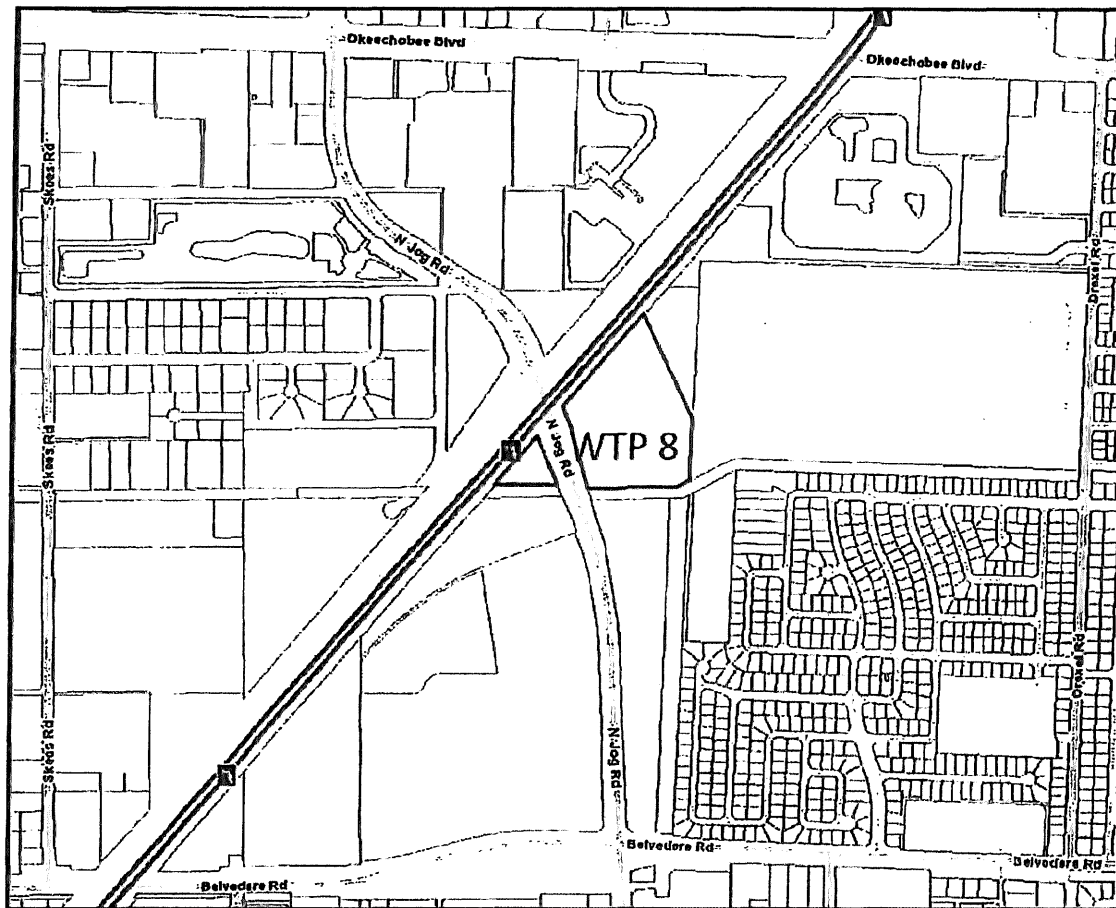


WATER TREATMENT PLANT NO. 8

ATTACHMENT G  
Location Map – Water Treatment Plant No. 11

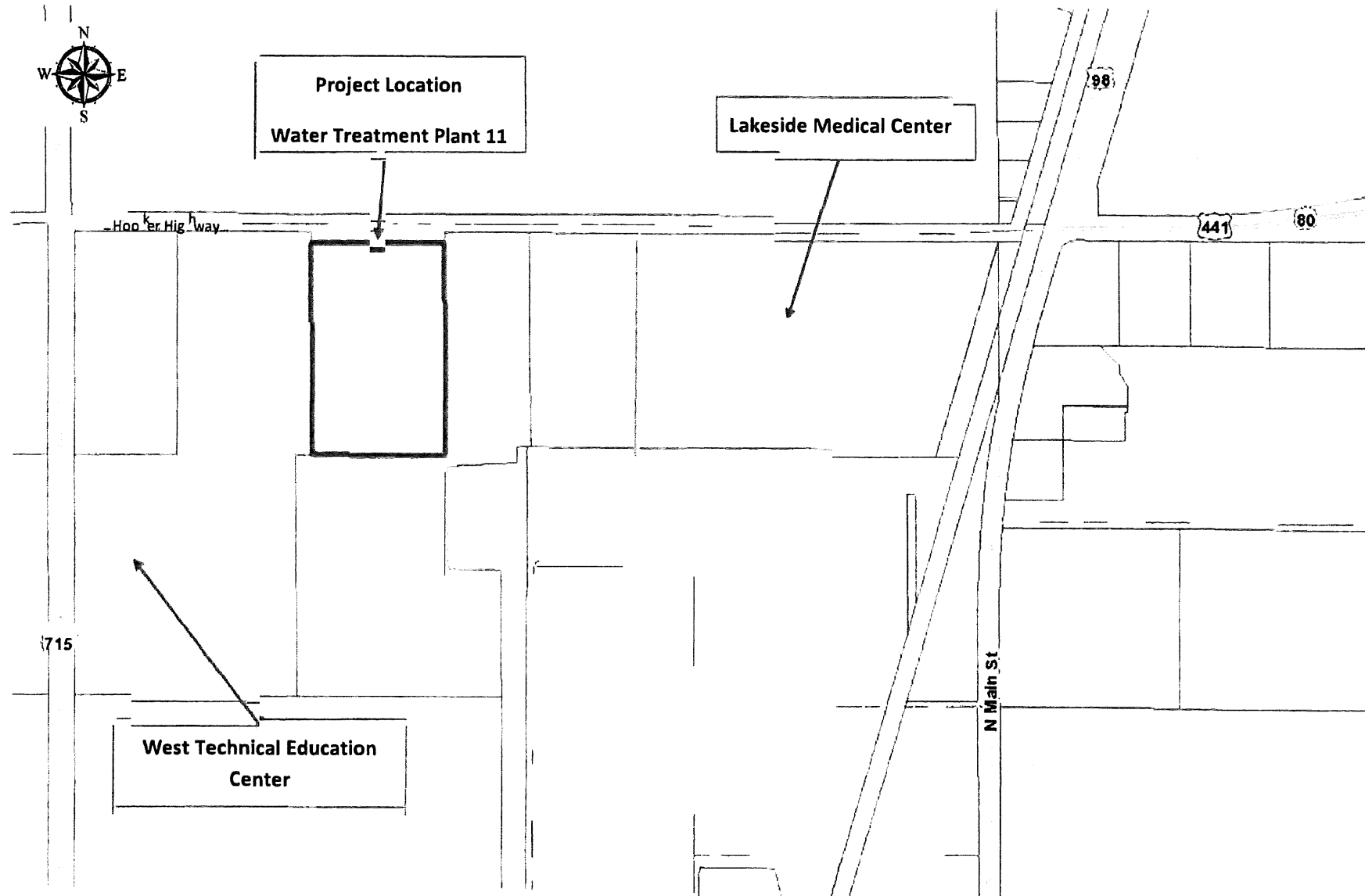


ATTACHMENT 2  
Location Map  
WUD Project No. 21-061



WATER TREATMENT PLANT NO. 8

Location Map – Water Treatment Plant No. 11







**CERTIFICATE OF LIABILITY INSURANCE**

DATE (MM/DD/YYYY)  
6/14/2021

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

|  |   |                                    |
|--|---|------------------------------------|
| <b>PRODUCER</b><br>RBN Insurance Services<br>303 E Wacker Dr Ste 650<br>Chicago IL 60601 | <b>CONTACT NAME:</b> Symone White         |                                    |
|  | <b>PHONE (A/C, No, Ext):</b> 312-856-9400 | <b>FAX (A/C, No):</b> 312-856-9425 |
| <b>E-MAIL ADDRESS:</b> swhite@rbninsurance.com   |   |                                    |
| <b>INSURER(S) AFFORDING COVERAGE</b>   |   | <b>NAIC #</b>                      |
| <b>INSURER A :</b> Hartford Fire Insurance Co.   |   | 19682                              |
| <b>INSURER B :</b> Navigators Insurance Company  |   | 42307                              |
| <b>INSURER C :</b> Twin City Fire Insurance Co.  |   | 29459                              |
| <b>INSURER D :</b> Great American E&S Ins. Co.   |   | 37532                              |
| <b>INSURER E :</b> Hartford Casualty Insurance Co  |   | 29424                              |
| <b>INSURER F :</b> Princeton Excess & Surplus Lines Insurance Co.                        |   | 10786                              |

**COVERAGES** **CERTIFICATE NUMBER:** 576956399 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

| INSR LTR | TYPE OF INSURANCE  | ADDL INSP | SUBR WVP | POLICY NUMBER                        | POLICY EFF (MM/DD/YYYY) | POLICY EXP (MM/DD/YYYY) | LIMITS  |
|----------|--|-----------|----------|--------------------------------------|-------------------------|-------------------------|---|
| A        | <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY<br><input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR<br><br>GEN'L AGGREGATE LIMIT APPLIES PER:<br><input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input type="checkbox"/> LOC<br>OTHER: | Y         | Y        | 83UENZV3951                          | 10/3/2020               | 10/3/2021               | EACH OCCURRENCE \$ 1,000,000<br>DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000<br>MED EXP (Any one person) \$ 10,000<br>PERSONAL & ADV INJURY \$ 1,000,000<br>GENERAL AGGREGATE \$ 2,000,000<br>PRODUCTS - COMP/OP AGG \$ 2,000,000<br>\$ |
| E        | AUTOMOBILE LIABILITY<br><input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY<br><input checked="" type="checkbox"/> HIRED AUTOS ONLY<br><input type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS ONLY   | Y         | Y        | 83UENPY9100                          | 10/3/2020               | 10/3/2021               | COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000<br>BODILY INJURY (Per person) \$<br>BODILY INJURY (Per accident) \$<br>PROPERTY DAMAGE (Per accident) \$<br>\$   |
| B        | <input type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR<br><input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE<br>DED <input checked="" type="checkbox"/> RETENTION \$ 0   |           |          | CH20EXC885600IC                      | 10/3/2020               | 10/3/2021               | EACH OCCURRENCE \$ 5,000,000<br>AGGREGATE \$ 5,000,000<br>\$  |
| C        | WORKERS COMPENSATION AND EMPLOYERS' LIABILITY<br>ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)<br>If yes, describe under DESCRIPTION OF OPERATIONS below   | Y         | N/A      | 83WECE0623                           | 5/12/2021               | 5/12/2022               | <input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER<br>E.L. EACH ACCIDENT \$ 1,000,000<br>E.L. DISEASE - EA EMPLOYEE \$ 1,000,000<br>E.L. DISEASE - POLICY LIMIT \$ 1,000,000  |
| D<br>F   | Professional Liability<br>Excess Liab (2nd) Layer  |           |          | TER 286-10-59<br>8E-A3-XL-0000121-00 | 10/3/2020<br>10/3/2020  | 10/3/2021<br>10/3/2021  | Each Claim/Aggregate 10,000,000<br>Each Occ/Aggregate 5,000,000   |

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)  
 RE: Contract for Consulting/Professional Services Emergency and Disaster Mitigation and Recovery (WUD Project No. 16-038).

Palm Beach County Board of County Commissioners, a Political Subdivision of the State of Florida, its Officers, Employees and Agents are included as Additional Insured with respect General Liability and Automobile Liability as required by written contract. A Waiver of Subrogation applies in favor of Palm Beach County with respect to General Liability, Automobile Liability and Workers' Compensation as required by written contract.

|   |  |
|---|--|
| <b>CERTIFICATE HOLDER</b><br><br>Palm Beach County<br>Water Utilities Department<br>8100 Forest Hill Blvd,<br>West Palm Beach, FL 33413 | <b>CANCELLATION</b><br><br>SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.<br><br>AUTHORIZED REPRESENTATIVE<br> |
|---|--|